

OFFICIAL MEXICAN STANDARD
NOM-043-SCT2/1995
"TRANSPORT DOCUMENT (Shipping Papers) FOR HAZARDOUS
SUBSTANCES, MATERIALS, AND WASTES"

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1. OBJECTIVE.

The purpose of this Official Mexican Standard is to provide basic information about the risks of transporting hazardous substances, materials and wastes by land.

2. SCOPE.

Observance of this Official Mexican Standard is obligatory for manufacturers, shippers, carriers and consignees of hazardous substances, materials and wastes.

3. REFERENCES.

For proper enforcement of this Standard, the following Official Mexican Standards must be consulted:

NOM-002-SCT2/1994	LIST OF MOST COMMONLY TRANSPORTED HAZARDOUS SUBSTANCES AND MATERIALS.
NOM-003-SCT2/1994	CHARACTERISTICS OF THE LABELS OF THE PACKAGES USED TO TRANSPORT HAZARDOUS MATERIALS AND WASTES.
NOM-004-SCT2/1994	SYSTEM FOR IDENTIFYING UNITS USED FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES.
NOM-009-SCT2/1994	COMPATIBILITY FOR STORING AND TRANSPORTING HAZARDOUS SUBSTANCES, MATERIALS AND WASTES OF CLASS 1 EXPLOSIVES.
NOM-CRP-001/ECOL	DEFINITION OF THE CHARACTERISTICS OF HAZARDOUS WASTES, A LIST THEREOF, AND THE LIMITS BEYOND WHICH A WASTE IS CONSIDERED HAZARDOUS BECAUSE OF ITS TOXICITY TO THE ENVIRONMENT.

4. DEFINITIONS.

Shipper: The individual or company who in its own name or in the name of a third party contracts the service for the transportation of hazardous materials or wastes.

Carrier: Motor Carrier and/or Railroad Company

Consignee: The individual or company who receives the hazardous materials or wastes.

Multimodal Transportation: The logistical integration of the different modes of transportation in the transfer of hazardous materials, substances or waste, using advanced technologies to ensure optimal management of the operations involved.

5. SPECIFICATIONS.

The transport document (shipping papers) for hazardous substances, materials and wastes must conform to the format established in Annex No. 1 of this Standard and must contain the following information:

5.1 The official shipping description
(Proper Shipping Name)

5.1.1. The official shipping description is considered as that part of the name that most accurately describes the hazardous substances, materials and wastes and which appears in capital letters in NOM-002-SCT2-1994, in some cases with numbers, Greek letters or the prefixes "sec," "tert," m, n, o, p, which are an integral part of the description. For class 1 substances, commercial or military names containing the official shipping description plus descriptive text may be used.

5.1.2. Great care must be taken in selecting the part of the name that appears in the list or in the index and which will be used as the "official shipping description" of a hazardous substance. The parts of this name which appear in small letters must not be considered as elements of the official shipping description. If there are conjunctions such as "and" or "or" in small letters or if some elements of the official shipping description are separated by commas, it is not necessary to indicate this official description in its entirety in the transport document or in the markings on the packages. This is especially true

when a combination of several different names appears with only one United Nations number.

The following examples show how the official shipping description must be selected in such cases:

UN No. 1011 BUTANE or BUTANE MIXTURES - The more appropriate of the following two names will be selected as the official shipping description :

BUTANE
BUTANE MIXTURES

- 5.2 The class or, when appropriate, the division of the substances. In the case of class 1 hazardous substances, materials and wastes, the letter of the compatibility group will be indicated immediately after the division.
- 5.3 The United Nations Number, preceded by the letters "UN" and, if one was assigned to it, the packing group for the hazardous substance, material or and waste.
- 5.4 The total quantity of hazardous substances covered by the description (volume, weight or net explosive content, as applicable).
- 5.5 If hazardous wastes (nonradioactive) are being transported for disposal or treatment for disposal, the official shipping description must be preceded by the word "WASTE".
- 5.6 Concerning the spontaneously reacting substances of division 4.1 and organic peroxides, the following steps shall be taken:
 - a) For those requiring temperature control during transport, the control temperature and the emergency temperature must be noted in the transport document.

- b) The secondary risk label for EXPLOSIVES may be omitted, but a statement to that effect must be included in the transport document.
- c) When such substances are transported under conditions subject to approval, a statement to that effect is required, which must be included in the transport document; a copy of the statement of approval of the classification and transport conditions of unlisted peroxides must also be attached.
- d) When a sample of these substances is transported, a statement to that effect must be included in the transport document.

5.7 The place and order in which these elements of information appear in the transport document is optional, except for the official shipping description, the class or division of risk and the United Nations UN number and packing group, which must appear in that order; for example:

"ALLYL ALCOHOL 6.1 UN No. 1098 I"

5.8 Moreover, the transport document for hazardous substances, materials and wastes, which the shipper must present, must include or have attached to it a certificate or declaration stating that the shipment in question can be accepted for transport and that the substances were properly packaged, marked, and labeled and in suitable condition for transport in accordance with the applicable regulations, so that a document for hazardous substances, materials and wastes prepared for the initial mode of transport is valid for subsequent modes in the event of multimodal and combined transport. The declaration could be worded as follows:

"I hereby declare that the contents of this consignment are described above completely and accurately, with the official shipping description, and were correctly classified, packaged, marked and labeled, and in all respects are in a suitable condition for land transport in accordance with the Regulations for the Land Transport of Hazardous Materials and Wastes."

5.9 The text of this declaration and any special information concerning the risks posed by the substances or materials to be transported must be included in an existing transport or handling document for the cargo or attached to it. The information in the document (or

the order of transmission of the corresponding data by electronic media or other data processing techniques) must be presented in accordance with the provisions of 5.1. above.

It is not the intent of this Official Mexican Standard to require a separate transport document for hazardous substances, materials and wastes when a shipment contains both hazardous and nonhazardous substances, nor to limit the number of different hazardous substances that can be included in a single document. However, if a single document lists both types of substances, the hazardous substances must be listed first or be highlighted in some other manner.

- 5.10 When the hazardous substances or materials are loaded into transport units or containers, the supervisory personnel must provide a "Container Filling Certificate" identifying the signer and attesting that the operation was carried out in the following conditions:
- a) The container is clean, dry and apparently appropriate to hold the substances or materials.
 - b) The packages which should be segregated, i.e., in different containers that have not been loaded together in the container.
 - c) All packages have been inspected for external damage and only safe packages that are in good condition are loaded.
 - d) All the materials have been properly loaded and, when necessary, securely bound with a fastening device to hold them during transport.
 - e) Materials loaded in bulk have been evenly distributed inside the container.
 - f) In the case of consignments including class 1 and division 1.4 substances or materials, the container must be structurally serviceable.
 - g) The container and the packages are properly marked, labeled, and identified; and
 - h) A certificate or declaration has been received for each consignment of hazardous material loaded in the container.
- 5.11 The specifications in the document and in the certificate for the container and the packages required in paragraph 4.10 can be combined in a single document if it is not desirable to attach these documents to one another. If these specifications are combined

in a single document, the inclusion of a signed statement will suffice, attesting that the container was filled in accordance with the applicable regulations and identifying the person who signs the statement.

5.12 When a transport document or a cargo handling document cannot be used for the purposes of documenting the international transport of hazardous products, use of the document in Annex No. 1 is necessary.

5.13 Regarding shipments for which a hazardous materials transport document is required, the appropriate information must be immediately available at all times for use in emergency responses to accidents and incidents involving the transport of hazardous materials. The information must be available away from the packages containing the hazardous materials and immediately accessible in the case of an accident or incident. For this purpose, the following must be provided:

- a) Appropriate description on the transport document.
- b) Provision of a transport document such as information on emergencies during transport, Safety Data Sheet.
- c) Provision of a separate document such as the ICAO "Emergency Response Guidelines for Aviation Accidents Involving Hazardous Products" and "The First Aid Guide for Accidents Involving Hazardous Materials" for use together with the transport document.

* The term "container" refers exclusively to transport units conforming to the definition of "container" given in the International Convention on the Safety of Containers (CSC) signed in Geneva on December 2, 1972. The term does not include "tank container" if the containers used to transport radioactive materials comply with the prescriptions of the OIEA applicable to containers.

** Guidelines for use on the job and in training for Loading Materials in Containers or Vehicles, prepared by the International Maritime Organization (IMO) and the International Labor Organization (ILO) and published by the IMO (IMO/ILO Guidelines for Loading Packages in Containers or Vehicles).

6. BIBLIOGRAPHY.

Recommendations on the Transport of Dangerous Goods, issued by the United Nations Organization, Eighth Edition, New York 1993.

7. CONFORMANCE WITH INTERNATIONAL STANDARDS.

This Official Mexican Standard is consistent with the United Nations' Recommendations on the Transport of Dangerous Goods, Chapter 13, paragraph 13.6 (eighth revised edition, United Nations, New York, 1993).

8. OBSERVANCE.

Based on the Regulations for the Land Transport of Hazardous Materials and Wastes, this Official Mexican Standard is obligatory.

9. MONITORING.

The Secretariat of Communications and Transport through its General Directorate of Land Transportation, is the competent authority for monitoring compliance with this Official Mexican Standard.

10. PENALTIES.

Noncompliance with the provisions of this Official Mexican Standard shall be penalized in accordance with the Regulations for the Land Transport of Hazardous Materials and Wastes and any other legal texts which may be applicable.

11. ENTRY INTO FORCE.

This Official Mexican Standard shall enter into force on the day following its publication in the *Diario Oficial de la Federación*.

Mexico City, D.F., the day of 1995.

ANNEX No. 1
TRANSPORT DOCUMENT FOR HAZARDOUS SUBSTANCES,
MATERIALS AND WASTES.
(210 X 297 mm.)

Shipper (name and address)		Reference number(s)
(Space reserved for text, instructions or other information)		Name of carrier (or its agent)
Name/means of transport	Port/place of departure	(Space reserved for text, instructions or other information)
Port/place of destination		
<p>MARKS AND NUMBERS; number, kind of packages; description of Gross weight (Kg) the hazardous substances, materials or wastes.* INDICATE: HAZARD CLASS DIVISION OF RISK; UN NUMBER; PACKING GROUP * Net quantity (when GROUP; FLASH POINT (In EC.c.c) (when necessary) * necessary) CONTROL AND EMERGENCY TEMPERATURES (in EC) (when required)</p> <p>*APPROPRIATE SHIPPING NAME (Trade names not sufficient) which, when required and when appropriate, must be: (1) preceded by the word "WASTE; (2) plus the words "LIMITED QUANTITY" OR "LTD. QTY " (3) plus the technical name.</p>		
<p style="text-align: center;">Additional information</p> <p>Special information is necessary in case of: 1) radioactive materials (class 7) and 2) certain spontaneously reacting materials and related division 4.1 substances and certain division 5.2 organic peroxides. In certain circumstances (3) a temperature certificate or (4) a vehicle container/packaging certificate is required).</p>		
DECLARATION		<p>Name and position of person signing</p> <p>Place and date</p> <p>Signature and name of shipper</p>